

AMENDMENTS TO THE CLAIMS:

Please amend Claims 1, 14, 27, and 40 as follows:

1. (Currently Amended) A moving image management apparatus for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a unit configured to record a representative image representing an arbitrary section or the whole of a moving image;

a unit configured to record information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image;

a unit configured to record information indicating a position of an image as a base of the representative image in correspondence with the representative image;

a unit configured to record information indicating a purpose of use of the representative image as attribute information in correspondence with the representative image,
the purpose of use indicating a function selected from functions applicable to the moving image;
and

a unit configured to select only the representative image corresponding to the purpose of use based on the attribute information,

wherein in the case the representative image is designated by a user,
it is interpreted that the section or the whole of the moving image represented by the representative image is selected.

2. (Cancelled)

3. (Previously Presented) The moving image management apparatus according to claim 1, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

4. (Previously Presented) The moving image management apparatus according to claim 1, further comprising:

a unit configured to classify only the representative image for each purpose based on the attribute information.

5. (Previously Presented) The moving image management apparatus according to claim 4, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

6. (Previously Presented) The moving image management apparatus according to claim 1, wherein when the information indicating the section or the whole of the moving image represented by the representative image and the attribute information are recorded on the storage medium, they are recorded, by representative image, in a particular continuous portion.

7. (Previously Presented) The moving image management apparatus according to claim 6, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded, by representative image, in a particular portion.

8. (Previously Presented) The moving image management apparatus according to claim 7, wherein the particular portion is a continuous area on the storage medium.

9. (Previously Presented) The moving image management apparatus according to claim 7, wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easy storage and access.

10. (Previously Presented) The moving image management apparatus according to claim 1, wherein in said unit configured to record information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for a purpose.

11. (Previously Presented) The moving image management apparatus according to claim 3, wherein said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to a browsing operation,

wherein said apparatus has a display unit that displays the representative image, having the attribute information corresponding to the print operation, and

wherein an application of a function corresponding to the purpose to the selected section or the whole of the moving image is reproduction means for, when a desired representative image is designated from representative images displayed by said display unit, reproducing a corresponding moving image based on section information added to the representative image.

12. (Previously Presented) The moving image management apparatus according to claim 1, wherein if an editing range is designated in a desired moving image, said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to an editing operation and within the editing range, and

wherein said apparatus has a display unit that displays the representative image within the editing range.

13. (Previously Presented) The moving image management apparatus according to claim 3, wherein in a print operation to print a desired frame in a desired moving image, said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to the print operation from representative images corresponding to the desired moving image,

wherein said apparatus has a display unit that displays the representative image having the attribute information corresponding to the print operation, and

wherein an application of a function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed by said display unit, is output processing for, when a desired representative image is designated from representative images displayed by said display unit, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

14. (Currently Amended) A moving image management apparatus for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a generation unit configured to generate a representative image representing an arbitrary section or the whole of a moving image;

a first recording unit configured to record information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image;

a second recording unit configured to record information indicating a position of an image as a base of the representative image in correspondence with the representative image;

an adding unit configured to add information indicating a purpose of use of the representative image as attribute information image, the purpose of use indicating a function selected from functions applicable to the moving image;

a unit configured to record the attribute information added by said adding unit in correspondence with the representative image; and

a unit configured to select only the representative image corresponding to the purpose of use based on the attribute information.

15. (Cancelled)

16. (Previously Presented) The moving image management apparatus according to claim 14, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

17. (Previously Presented) The moving image management apparatus according to claim 14, further comprising:

a unit configured to classify means for classifying only the representative image for each purpose based on the attribute information.

18. (Previously Presented) The moving image management apparatus according to claim 17, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

19. (Previously Presented) The moving image management apparatus according to claim 14, wherein when the information indicating the section or the whole of the moving image represented by the representative image and the attribute information are recorded on the storage medium, they are recorded, by representative image, in a particular continuous portion.

20. (Previously Presented) The moving image management apparatus according to claim 19, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded, by representative image, in a particular portion.

21. (Previously Presented) The moving image management apparatus according to claim 20, wherein the particular portion is a continuous area on the storage medium.

22. (Previously Presented) The moving image management apparatus according to claim 20, wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easy storage and access.

23. (Previously Presented) The moving image management apparatus according to claim 14, wherein in said unit configured to record information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for purpose.

24. (Previously Presented) The moving image management apparatus according to claim 16, wherein said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to a browsing operation,

wherein said apparatus has a display unit configured to display the representative image, and

wherein an application of a function corresponding to the purpose to the selected section or the whole of the moving image is reproduction processing for, when a desired representative image is designated from representative images displayed by said display unit, reproducing a corresponding moving image based on section information added to the representative image.

25. (Previously Presented) The moving image management apparatus according to claim 14, wherein if an editing range is designated in a desired moving image, said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to an editing operation and within the editing range, and

wherein said apparatus has a display unit configured to display the representative image within the editing range.

26. (Previously Presented) The moving image management apparatus according to claim 16, wherein in a print operation to print a desired frame in a desired moving image, said unit configured to select only the representative image corresponding to the purpose based on the attribute information selects a representative image having the attribute information corresponding to the print operation from representative images corresponding to the desired moving image,

wherein said apparatus has a display unit configured to display the representative image having the said attribute information corresponding to the print operation, and

wherein an application of a function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed by said display unit, is output processing for, when a desired representative image is designated from representative images displayed by said display unit, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

27. (Currently Amended) A moving image management method for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a step of recording a representative image representing an arbitrary section or the whole of a moving image;

a step of recording information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image;

a step of recording information indicating a position of an image as a base of the representative image in correspondence with the said representative image;

a step of recording information indicating a purpose of use of the representative image as attribute information in correspondence with the representative image, the purpose of use indicating a function selected from functions applicable to the moving image; and

a step of selecting only the representative image corresponding to the purpose of use based on the attribute information,

wherein in the case the representative image is designated by a user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected.

28. (Cancelled)

29. (Previously Presented) The moving image management method according to claim 27, when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

30. (Previously Presented) The moving image management method according to claim 27, further comprising:

a step of classifying only the representative image for each purpose based on the attribute information.

31. (Previously Presented) The moving image management method according to claim 30, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected,

and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

32. (Previously Presented) The moving image management method according to claim 27, wherein when the information indicating the section or the whole of the moving image represented by the representative image and the attribute information are recorded on the storage medium, they are recorded, by representative image, in a particular continuous portion.

33. (Previously Presented) The moving image management method according to claim 32, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded, by representative image, in a particular portion.

34. (Previously Presented) The moving image management method according to claim 33, wherein the particular portion is a continuous area on the storage medium.

35. (Previously Presented) The moving image management method according to claim 33, wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easily storage and access.

36. (Previously Presented) The moving image management method according to claim 27, wherein at said step of recording information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for a purpose.

37. (Previously Presented) The moving image management method according to claim 29, wherein at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to a browsing operation is selected,

wherein said method has a display step of displaying the representative image, and

wherein an application of a function corresponding to the purpose to the selected section or the whole of the moving image is a reproduction step of, when a desired representative image is designated from representative images displayed at said display step, reproducing a corresponding moving image based on section information added to the representative image.

38. (Previously Presented) The moving image management method according to claim 27, wherein if an editing range is designated in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to an editing operation and within the editing range is selected, and

wherein the method has a display step of displaying the representative image within the editing range.

39. (Previously Presented) The moving image management method according to claim 29, wherein in a print operation to print a desired frame in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to the print operation is selected from representative images corresponding to the desired moving image,

wherein said method has a display step of displaying the representative image having the attribute information corresponding to the print operation, and

wherein an application of a function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed at said display step is an output step of, when a desired representative image is designated from representative images displayed at said display step, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

40. (Currently Amended) A moving image management method for management of plural moving images recorded on a storage medium in correspondence with one or plural representative images, comprising:

a generation step of generating a representative image representing an arbitrary section or the whole of a moving image;

a first recording step of recording information indicating the section or the whole of the moving image represented by the representative image in correspondence with the representative image;

a second recording step of recording information indicating a position of an image as a base of the representative image in correspondence with the said representative image;

a step of adding information indicating a purpose of use of the representative image as attribute information, the purpose of use indicating a function selected from functions applicable to the moving image;

a step of recording the attribute information added by said adding step in correspondence with the representative image; and

a step of selecting only the representative image corresponding to the purpose of use based on the attribute information.

41. (Cancelled)

42. (Previously Presented) The moving image management method according to claim 40, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

43. (Previously Presented) The moving image management method according to claim 40, further comprising:

a step of classifying only the representative image for each purpose based on the attribute information.

44. (Previously Presented) The moving image management method according to claim 43, wherein when the representative image is designated by the user, it is interpreted that the section or the whole of the moving image represented by the representative image is selected, and a function corresponding to the purpose is applied to the selected section or the whole of the moving image.

45. (Previously Presented) The moving image management method according to claim 40, wherein when the information indicating the section or the whole of the moving image represented by the representative image and the attribute information are recorded on the storage medium, they are recorded, by representative image, in a particular continuous portion.

46. (Previously Presented) The moving image management method according to claim 45, wherein when the information indicating a position of an image as a base of the representative image and the representative image are recorded on the storage medium, they are recorded, by representative image, in a particular portion.

47. (Previously Presented) The moving image management method according to claim 46, wherein the particular portion is a continuous area on the storage medium.

48. (Previously Presented) The moving image management method according to claim 46, wherein only significant information of the information indicating a position of an image as a base of the representative image and the representative image is recorded in a portion for easy storage and access.

49. (Previously Presented) The moving image management method according to claim 40, wherein at said step of recording information indicating a purpose of the representative image as attribute information, the attribute information is an identification number previously defined for a purpose.

50. (Previously Presented) The moving image management method according to claim 42, wherein at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to a browsing operation is selected,

wherein said method has a display step of displaying the representative image, and

wherein an application of a function corresponding to the purpose to the selected section or the whole of the moving image is a reproduction step of, when a desired representative

image is designated from representative images displayed at said display step, reproducing a corresponding moving image based on section information added to the representative image.

51. (Previously Presented) The moving image management method according to claim 40, wherein if an editing range is designated in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to an editing operation and within the editing range is selected, and

wherein said method has a display step of displaying the representative image within the editing range.

52. (Previously Presented) The moving image management method according to claim 42, wherein in a print operation to print a desired frame in a desired moving image, at said step of selecting only the representative image corresponding to the purpose based on the attribute information, a representative image having the attribute information corresponding to the print operation is selected from representative images corresponding to the desired moving image,

wherein said method has a display step of displaying the representative image having the attribute information corresponding to the print operation, and

wherein an application of a function corresponding to a designated purpose to the selected section or the whole of the moving image when a desired representative image is designated from representative images displayed at said display step, is an output step for, when a desired representative image is designated from representative images displayed at said display step, referring to the information indicating a position of an image as a base of the representative image, and outputting a desired frame for print output.

53. (Previously Presented) A storage medium holding a control program for executing the moving image management method according to claim 27 by a computer.

54. (Previously Presented) A control program for executing the moving image management method according to claim 27 by a computer.